

DAY 2 TASK TECHNICAL FOUNDATION

FURNITURE E COMMERCE WEBSITE

Technical Feature

1 FRONTEND :

Design the following interactive pages

Next.js with typescript ,tailwind,

- **Home:** Products and Categories
- **Shop(new ceramics /popular products):**Displays all furniture products with filters
- **About :**Describe the brand and its story
- **Contact :** Includes a contact form ,location map

2 Live updates for

- Inventory changes for products availability
- On order status

3 Intregation of APIs

- Payment gateway
- Shipping/Tracking API

4 Backend Endpoints:

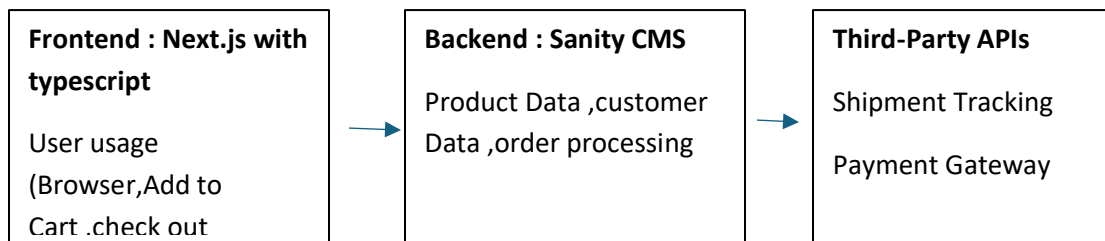
Sanity CMS

- Product Data
- Customer Data
- Order Data

Basics RoadMap to Implementation

System Architecture

1 Architecture Diagram:



2 Flow of Architecture system

- Interaction of customer with frontend
- Dynamics data Fetching from sanity CMS via GROQ queries
- API secure handle, secure payment and update shipment

3 Updates of schema

Sanity CMS:

Product Schema :

Product ID: Unique Id

Products Name : Product Name

Price : Price of products

Stock : Number of items available

Images : Images URLs

Cart schema :

Item Name: Name of item

Item Quantity : Quantity of items

Item price : Total price

Delivery charges : charges of delivery

Payment Method : cash or by credit card

Order Schema :

Order ID: Unique Id for order

Customer ID:ID of customer

Products ID: Product Name

Price : Price of products

Stock : Number of items available

Status : current status of order

Payment status : Status of payment

Delivery Address: Address of order Delivery

Customer Schema :

Customer ID:ID of customer

Name of customer: Customer Name

Contact Info : Contact Information

Payment Schema :

Customer ID: ID of customer

Payment Method : By Credit card or cash

Payment Status : Paid or unpaid

Shipment schema :

Shipment ID : Unique identifier

Order ID: Order ID

Status :Current status of shipment

API Integration:

END POINTS	METHOD	DESCRIPTION
Products	Get	Fetches all products
Product ID	Get	Fetch specific product
Order	Post	Create Order
Order /ID	Get	Fetches specific order
Shipment /Tracking ID	Get	Shipment Status
Sent Email	Post	sent order email